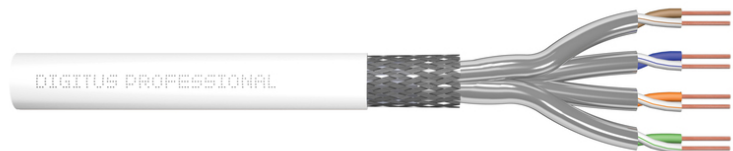


# DIGITUS Cat.7 S/FTP installation cable, 305 m, simplex, Dca-s1a,d0,a1

DK-1743-VH-305-MF-W  
EAN 4016032454557



### CAT 7 S-FTP installation cable, 305 m, box, 1200MH AWG 26/1, 600 MHz, Dca, LSZH-3, color RAL9003

The DIGITUS® Cat.7 S/FTP installation cable is characterized by the following cable construction 4x2x AWG 26/1 and reaches a transmission frequency up to 1200 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Dca. The cable is suitable for laying in residential as well as SoHo areas.

#### Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare copper wire, AWG 26/1
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-laminated polyester film, covers 100%
- Overall shielding: copper braiding
- Outer sheath: Dca acc. to EN 50755; LSZH
- Outer sheath thickness (nominal): 0.52 mm nominal
- Outer casing color: White (RAL 9003)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +60 °C
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C

- Outer diameter simplex (nominal): 5.7 mm nominal
- Weight (kg/km): 35 kg/km
- Electrical properties:
- Impedance: 100±150ohm @ 4 - 100MHz; 100±250ohm @ 100 - 600MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 Ohm/Km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Phase delay: 450 nS/100 m max.
- Time delay: 25 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- Maximum insert length: 60 m
- NVP: 79%
- Flame spread: EN EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Dca
- Length: 305 m
- Color: white
- Jacket: LSOH
- Structure: 4 x 2 AWG 26/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	12.76	43.00	23.00	43.00	42,527.00
Packaging Unit Inside	1	12.76	43.00	23.00	43.00	42,527.00
Packaging Unit Single	1	12.76	43.00	23.00	43.00	42,527.00
Net single without Packaging	1	11.82	43.00	23.00	43.00	42,527.00

More images:



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AWG 26/1 600 MHz 10 Gbit Ethernet CAT 7 27°±0.5° LSZH Dca CFR class

**CAT 7 S/FTP Installation Cable, 305 m, Simplex, D<sub>ca</sub>**

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DK-1743-VH-305-MF-W // CAT 7 S/FTP Installation Cable, 305m, Simplex, D<sub>ca</sub>

Anwendungsbeispiel

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ENF Compliance: B2+, C<sub>ca</sub>, D<sub>ca</sub>, E<sub>ca</sub>

RoHS Compliance: s1a, d1, a1

RoHS Exemption: B2+, C<sub>ca</sub>, D<sub>ca</sub>, E<sub>ca</sub>

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Certificate No. JHSF47-18-1

Zertifikat No. JHSF47-18-1

Category 7

GHMT Type Approval

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Leitungsmechanische Transmission Properties											
20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C	65°C	70°C	75°C
0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	10	10	10	10	10	10	10	10	10	10	10
100	100	100	100	100	100	100	100	100	100	100	100
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000

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Produktdaten Product Information			Physikalische Spezifikationen Physical Properties		
Produkttyp	Flat Cable, Simplex, Triple Twisted	Material	Bare Copper, AWG 26/1		
Produktbeschreibung	Product Description, Simplex, Triple Twisted	Hersteller	GHMT/ITC		
Artikelnummer	DK-1743-VH-305-MF-W	Lieferungseinheit	305m		
Material	Bare Copper, AWG 26/1	Lebensdauer	10000h		
Produkttyp	Flat Cable, Simplex, Triple Twisted	Lebensdauer	10000h		

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DK-1743-VH-305-MF-W // CAT 7 S/FTP Installation Cable, 305m, Simplex, D<sub>ca</sub>

Kabelquerschnitt Cable cross section

